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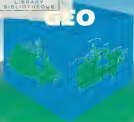
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1991 Street Index
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April 1991

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1991 STREET INDEX

USER GUIDE

Geography Division
Statistics Canada

April 1993



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1. INTRODUCTION

This user guide provides information on the coverage, content and data quality of the 1991 Street Index. It also includes a section on technical specifications and a glossary of terms.

The Street Index links streets and address ranges to provinces (PR), federal electoral districts (FED), census divisions (CD), census subdivisions (CSD), census tracts/provincial census tracts (CT/PCT), and enumeration areas (EA). Three computer printouts are available as separate print-on-demand products, each portraying a different linkage. The streets and address ranges are linked to: PR/FED/EA; PR/CD/CSD; and CT/PCT.

Coverage

Street indexes are available where there is Street Network File (SNF) coverage, that is, for large urban centres containing at least one municipality with a population of 50,000 or more. The Street Index is available for 25 census metropolitan areas (CMA) and 19 census agglomerations (CA). In some cases, only portions of CMAs/CAs are covered by SNF; thus some urban centres may be only partially covered by the Street Index (Table 1).

Content

Each Street Index contains street attributes and linkages to specific standard geographic areas. The street attributes comprise street name (including street type and street direction), and odd and even address ranges. The street names are listed in alphabetical order.

Reference Date

All census data reflect the census reference date of June 4, 1991. There is also a Geographic Reference Date for the geographic framework that supports the census. This date is earlier than the census reference date in order to give Statistics Canada enough time before Census Day to process the necessary boundary and name changes. For the 1991 Census, the Geographic Reference Date is January 1, 1991, provided that the information on any changes was received by Statistics Canada from provincial or territorial authorities by March 1, 1991.

The street attributes and linkages to the standard geographic areas are obtained from three separate sources: the Street Network Files (SNF), the Geographic Attribute Data Base (GADB), and the EA Digital Boundary File. Each source has its own inherent reference date, as follows:

- **Street Network Files:** vary between June 1986 and December 1991 for the network information, and between June 1986 and February 1991 for the address information.
- **Geographic Attribute Data Base:** January 1, 1991 for the geographic attributes and linkages. Corrections were subsequently made to the Street Index for EA linkage errors found on GADB as of November 30, 1992.
- **EA Digital Boundary File:** January 1, 1991. The EAs that were split on Census Day due to dwelling increases are included in the boundary file.

Limitations

In certain cases, address ranges are not printed in the sequence in which they are physically found on the ground. This limitation is due to the coding structure and file organization of the Street Network Files. In addition, some address ranges are assigned to FED, EA and CT codes that are set to zero (0) because their respective block-face representative points fall outside these geographic areas.

Despite the linkage to the 1991 Census, the Street Network Files have not been updated using the information collected during the 1991 Census field operations. Consequently, users should be aware that some streets and attributes have not been added to the Street Network Files.

Table 1

Street Index Coverage

This list denotes which CMAAs and CAs are covered by the Street index, and whether the urban centre is wholly or partially covered by the index. A blank indicates that the entire CMA or CA is covered by the Street index.

<u>CMA/CA Name</u>	<u>Coverage</u>	<u>CMA/CA Name</u>	<u>Coverage</u>
Belleville	partial	Prince George	
Brantford		Québec	partial
Calgary	partial	Red Deer	
Chicoutimi - Jonquière	partial	Regina	partial
Edmonton	partial	Saint-Jérôme	partial
Fredericton	partial	Saint John	partial
Guelph		Samia - Clearwater	
Halifax	partial	Saskatoon	partial
Hamilton		Sault Ste. Marie	
Kamloops	partial	Sherbrooke	partial
Kelowna		St. Catharines - Niagara	
Kingston	partial	St. John's	partial
Kitchener		Stratford	
Lethbridge		Sudbury	partial
London		Thunder Bay	partial
Matsqui		Toronto	partial
Moncton		Trois-Rivières	partial
Montréal	partial	Vancouver	
North Bay		Victoria	
Oshawa		Windsor	partial
Ottawa - Hull		Winnipeg	
Peterborough	partial	Woodstock	

Note: The five urban centres denoted in bold text are covered by provincial census tracts (PCT). The remaining centres are covered by census tracts (CT).

2. DATA QUALITY

The purpose of a data quality report is to provide detailed information for users to evaluate the suitability of the data or product for a particular use. Five fundamental components of a data quality statement are: lineage, positional accuracy, attribute accuracy, logical consistency and completeness.

Since the data for the Street Index were extracted from three distinct files, users should consult the detailed data quality statements for each of the following source files:

- Street Network File, User Guide (AMF Format).
- 1991 Digital Boundary Files, User Guide.
- 1991 Geographic Attribute Data Base, Data Quality Statement.

Lineage

Lineage includes descriptions of the source material from which the data were derived and the methods of derivation, including the dates of the source material and all transformations involved in producing the final digital files or map products.

Source Information

The Street Index was derived from the following source files:

1. The **Street Network Files (AMF Format)** provided the street names (including street types and direction), and odd and even address ranges within the individual CMAs and CAs. The reference date for the network information varies between June 1986 and December 1991, and between June 1986 and February 1991 for the address information.
2. The **1991 EA Digital Boundary File** provided the province, federal electoral district (FED) and enumeration area (EA) links to the streets and street attributes. The geographic reference date is January 1, 1991. The EAs that were split on Census Day due to dwelling increases are included in the boundary file.
3. The **1991 Geographic Attribute Data Base** provided the names, codes and linkages for the geographic areas. The reference date is January 1, 1991.

Method of Derivation

Various SAS computer programs (IBM mainframe-based) were used to extract, compile and verify the information. The first program used the Street Network Files to extract the street attribute information and the block-face representative points. An ARC/INFO® point-in-polygon algorithm was used on the EA Digital Boundary File to determine which SNF block-face representative points fell within the individual EAs; this in turn provided the province, FED and EA linkages to the block-face representative points.

The extracted information from the SNF and EA Digital Boundary File was then merged, which resulted in the linkage of province, FED and EA codes to the street attributes.

The Geographic Attribute Data Base supplied the other necessary linkages and names/codes for the standard geographic areas. Portions of the extracted information from GADB were corrected due to linkage errors found on the final GADB file. A special Street Index print program provided the CT/PCT, CD/CSD and CMA/CA linkages to the street attributes.

Although the Street Index does not contain block-face representative points, users should be aware of how the points are generated since they were used to link the SNF street attributes with the PROV/FED/EA codes. Block-face representative points are computed within all Street Network Files along addressable streets and addressable sections of highways. The representative point is located at the mid-point of the block-face, set back a perpendicular distance of 22 metres from the street centre line. Due to the computation method, block-face representative points may not be unique. For example, perpendicular block-faces of equal length may be assigned representative points having the same coordinate values.

Positional Accuracy

Positional accuracy is the difference between the "true" position of a feature in the real world and the "estimated" position stored in the digital file or other product.

Although the Street Index printouts do not contain any x,y positional data, users should be aware that there are 130 block-face representative points -- although having the correct CD/CSD code -- that fall outside the CD/CSD in which they should be located. This occurs because of the 22 metre rule to locate the points.

Attribute Accuracy

Attribute accuracy refers to the accuracy of the non-positional information attached to each feature.

The Street Index reflects the accuracy of the Street Network Files from which street attributes were extracted, and the 1991 Geographic Attribute Data Base from which the names and codes of geographic areas were extracted.

For the 130 block-face representative points that fall outside the CD/CSD in which they should be located, the FED, EA and CT codes are set to zero. Table 2 shows the number of incomplete block-face linkages for the affected CMAs and CAs.

Logical Consistency

Logical consistency describes the fidelity of relationships encoded in the data structure of the digital spatial data (i.e. how well elements of the data structure follow the rules imposed on them).

A post census verification confirmed that the PROV/FED/EA linkages were consistent with the extracted information from both the Geographic Attribute Data Base and the 1991 EA Digital Boundary File.

Completeness

Completeness expresses the degree to which geographic entities (features) are captured according to the data capture specifications. It also includes information about selection criteria, definitions used and other relevant mapping rules.

The Street Index does not provide information for those parts of CMAs or CAs outside Street Network File coverage. The Street Indexes collectively provide street attributes and linkages to standard geographic areas within CMA/CA coverage for 769,066 block-face records.

Users should also be aware that some street names and address ranges are unidentified or unavailable. In addition, the Street Network Files have not been updated using the information gathered during the 1991 Census field operations. Consequently, some streets and attributes have not been added to the Street Network Files.

Table 2

Incomplete Block-face Linkages

<u>CMA/CA</u>	<u>Number</u>
Calgary	9
Halifax	1
Hamilton	8
Kelowna	6
Kingston	1
Kitchener	3
London	1
Montréal	19
Ottawa - Hull	5
Québec	4
Regina	6
St. Catharines - Niagara	3
Toronto	2
Vancouver	58
Victoria	3
Winnipeg	1
TOTAL	130

3. TECHNICAL SPECIFICATIONS

This section describes the coding rules and abbreviations used for the Street Indexes.

Street Name

Street names are generally based on municipal documents provided to the Street Network File program.

Users should note the following coding rules:

- names are truncated (at the end) if they exceed the maximum field size of 20 characters.
- formats of the word "Saint" and "Sainte" are abbreviated as ST and STE.
- most numeric streets are coded using the number rather than the alphabetic spelling (for example, First Avenue is 1 AV).
- most articles are coded at the end of the street name (for example, The Queensway becomes QUEENSWAY, THE, and De l'Eglise becomes EGLISE, DE L').
- all unidentified street names are coded using 3-digit numbers prefixed by a "Z" (e.g. Z001).

Street Type

Street type is a two-letter code that identifies the different types of addressable streets (Table 3).

Street Direction

Street direction is a one- or two-letter code that denotes the location of the street relative to a pre-defined origin (for example, Sherbrooke St. West). The street direction is included only if it is part of the street name (Table 4). The direction should not be misconstrued as being the geographic direction of the street.

Address Range

The symbol "#-#" indicates that the address range was either not known at the time of updating the Street Network Files or did not exist for a particular block-face (for example, parks and golf courses). An asterisk (*) separates the odd address ranges from the even address ranges.

Affiliated Community

The Street Index sometimes contains streets having the same name, type and direction. These streets are legitimately separate features, often being kilometres apart from one another. These duplicate attributes generally occurred because at one time these streets were located in different municipalities (CSDs) which were subsequently annexed.

In order to uniquely identify these duplicate street names, a one- or two-letter code is used after the street name. This code is normally an abbreviation of the "community", or former CSD in which it was located. The community abbreviations and the full community names by CMA/CA are provided in Appendix 1.

Census Subdivision Name

The name of the census subdivision (municipality) is a two-, three- or four-letter abbreviation of the official name. The CSD abbreviations and full CSD names by CMA/CA are shown in Appendix 1. Census subdivision types and abbreviations are shown in Table 5.

Table 3.

Street Types

<u>Code</u>	<u>Type</u>	<u>Code</u>	<u>Type</u>
	No type	LI	Line
AL	Alley / Allée	LK	Link
AU	Autoroute	LN	Lane
AV	Avenue	ME	Mews
BA	Bay	MO	Montée
BP	By Pass	PL	Place
BV	Boulevard	PM	Promenade
CA	Carré	PR	Park / Parc
CH	Chemin	PU	Plateau
CL	Circle / Cercle	PY	Parkway
CN	Concession	RD	Road
CO	Côte	RG	Rang
CR	Crescent / Croissant	RI	Rise
CS	Close	RL	Ruelle
CT	Court / Cour	RO	Route
DR	Drive	RU	Rue
GN	Garden	RW	Row
GR	Green	SQ	Square
GT	Gate	ST	Street
GV	Grove	TL	Trail
HL	Hill	TR	Terrace / Terrasse
HT	Helghts	VW	View
HY	Highway	WK	Walk
JA	Jardin	WY	Way

Table 4

Street Direction

N	North / Nord
S	South / Sud
E	East / Est
W	West
O	Ouest
NE	North-East / Nord-Est
NW	North-West
NO	Nord-Ouest
SE	South-East / Sud-Est
SW	South-West
SO	Sud-Ouest

Table 5

Census Subdivision Types

BOR	Borough
C	City - Cité
CM	County (municipality)
COM	Community
CT	Canton (municipalité de)
CU	Cantons unis (municipalité de)
DM	District municipality
HAM	Hamlet
ID	Improvement district
IGD	Indian government district
LGD	Local government district
LOT	Township and royalty
MD	Municipal district
NH	Northern hamlet
NV	Northern village
P	Paroisse (municipalité de)
PAR	Parish
R	Indian reserve - Réserve indienne
RM	Rural municipality
RV	Resort village
SA	Special area
SCM	Subdivision of county municipality
SD	Sans désignation (municipalité)
S-E	Indian settlement - Établissement Indien
SET	Settlement
SRD	Subdivision of regional district
SUN	Subdivision of unorganized
SV	Summer village
T	Town
TP	Township
TR	Terres réservées
UNO	Unorganized - Non organisé
V	Ville
VC	Village cri
VK	Village naskapi
VL	Village
VN	Village nordique

4. GLOSSARY OF TERMS

The glossary provides an explanation of the terms used in the Street Index. The terms are presented in summary form only. Please refer to the *1991 Census Dictionary* (Catalogue 92-301E) for the full definitions.

Block-face (BF). One side of a city street, normally between two consecutive intersections with streets or other features such as rivers and railways. A block-face is generally used for census data aggregation in large urban centres within Street Network File coverage.

Census Agglomeration (CA). A large urban area, together with adjacent urban and rural areas which have a high degree of economic and social integration with that urban area.

A CA is delineated around an urban area (called the urbanized core and having a population of at least 10,000, based on the previous census). If a CA's urbanized core population falls below 10,000, it is deleted from the CA program. However, if a CA attains an urbanized core population of at least 100,000, based on the previous census, it becomes a census metropolitan area (CMA).

Census Division (CD). A geographic area established by provincial law which is an intermediate area between the census subdivision and the province (e.g. division, county, regional district, regional municipality).

In Newfoundland, Manitoba, Saskatchewan and Alberta, provincial law does not provide for this administrative area. Therefore, CDs have been created by Statistics Canada in cooperation with these provinces.

Census Metropolitan Area (CMA). A very large urban area, together with adjacent urban and rural areas which have a high degree of economic and social integration with that urban area.

A CMA is delineated around an urban area (called the urbanized core and having a population of at least 100,000, based on the previous census). Once an area becomes a CMA, it is retained in the program even if its population subsequently declines.

Census Subdivision (CSD). A municipality as determined by provincial legislation (such as city, town, village), or its equivalent (e.g. Indian reserve, Indian settlement and unorganized territory).

In Newfoundland, Nova Scotia and British Columbia, other types of CSDs have been created by Statistics Canada in cooperation with the provinces as equivalents for municipalities.

Census Subdivision Type. The type indicates the municipal status of a census subdivision. CSDs are classified into various types, according to official designations adopted by provincial or federal authorities.

Census Tract (CT). A permanent, small urban neighbourhood-like or rural community-like area established in large urban centres with the help of local specialists interested in urban and social science research.

Census tracts are delineated jointly by a local committee and Statistics Canada. The population must be between 2,500 and 8,000, with a preferred average of 4,000 persons (except for those CTs in central business districts, in other major commercial and industrial zones, or in peripheral rural or urban areas that may have either a lower or higher population). Also, when first delineated or subsequently subdivided, CTs must be as socio-economically homogeneous and compact in shape as possible.

All CMAs and CAs in Canada containing a CSD having a population of 50,000 or more at the previous census are eligible for a census tract program.

Enumeration Area (EA). The geographic area canvassed by one census representative. The number of dwellings in an EA generally varies between a maximum of 375 in large urban areas to a minimum of 125 in rural areas. An EA always respects higher level geographic areas recognized by the census, and is the smallest unit for which census data are usually available.

Federal Electoral District (FED). Any place or territorial area entitled to return a member to serve in the House of Commons. FED legal limits and descriptions are the responsibility of the Chief Electoral Officer, and are usually revised every 10 years after the results of the decennial census.

The 1987 Representation Order is the most current one, and is based on 1981 Census population data.

Geographic Area. An area delineated or employed for the collection, compilation, analysis and dissemination of census data.

Geographic Attribute Data Base. A Statistics Canada relational data base which contains a number of attributes (such as names, codes, population and dwelling counts, land area) for standard geographic areas, and linkages between the geographic areas.

Province. The major political division of Canada. From a statistical point of view, it is a basic unit for which data are tabulated and cross-classified.

Provincial Census Tract (PCT). A permanent, small urban neighbourhood-like or rural community-like area established outside those CMAs and CAs having a census tract program. PCTs encompass populations between 3,000 and 8,000, with a preferred average of 5,000 persons.

Representative Point. Formerly called a centroid, a representative point is a pair of x,y coordinate values that represents a geographic entity for the purpose of assigning aggregate data to that entity.

Standard Geographical Classification (SGC). Statistics Canada's official classification of geographic areas in Canada. The SGC provides unique numeric identification for three types of geographic areas: provinces/territories; census divisions; and census subdivisions.

The three geographic areas are hierarchically related. CSDs aggregate to CDs, which in turn aggregate to a province or territory. This relationship is reflected in the 7-digit code: 2 digits for provinces/territories, 2 digits for census divisions and 3 digits for census subdivisions.

Street Network File (SNF). Formerly known as the Area Master File (AMF), the Street Network File is a computer-readable file that geographically references the street network and selected other non-street features (such as rivers, lakes, railways and municipal limits). SNFs are generally created for urban centres containing at least one municipality with a population of 50,000 or more at the previous census. These centres are normally in the census tract program.

The SNF contains the names for all street and non-street features. In addition, the intersection (corner) civic address ranges and block-face representative points are available for addressable streets.

Universal Transverse Mercator (UTM). An international grid system that covers the earth's surface between 84°N and 80°S. The earth is divided into 60 north-south zones, each of which is 6° of longitude wide. The zones are numbered from 1 to 60 eastward, beginning at the 180th meridian. A grid system is superimposed on the zones, and separate Transverse Mercator projections are centred on each zone.

5. ADDITIONAL SERVICES

In addition to the Regional Reference Centres and depository libraries, Statistics Canada publications may be ordered through your local bookstore or subscription agent. Contact the nearest Regional Reference Centre for a list of Canadian outlets available, or consult the *1991 Census Catalogue* (Catalogue 92-302E).

Secondary distributors offer data access and analytical support through a variety of consulting and computer-based services not available at Statistics Canada. The names and addresses of licensed distributors may be obtained from any Regional Reference Centre.

Statistics Canada provides digital geographic products which allow computer manipulation of geographic data. A customized retrieval service is available for users who wish to define their own geographic area of study. A variety of data retrieval files and services provide flexibility in selecting a geographic base.

A complete description of available digital files and services is documented in the *1991 Census Catalogue* (Catalogue 92-302E).

Information concerning Census of Agriculture products and services may be referenced in the *1991 Census of Agriculture Products and Services* (Catalogue 92-303), or by calling toll free 1-800-465-1991.

Users with special data requirements may request post-census survey services. Data are made available on microcomputer diskettes for use with spreadsheet software, or on paper output. For additional information, please contact the nearest Regional Reference Centre.

The Dissemination Division is responsible for CANSIM, Statistics Canada's computerized database network and information retrieval service. Users are provided with access to current and historical statistics in various forms including specialized data manipulation and analysis packages, graphics facilities and a bibliographic search service. For more information about CANSIM, contact any Regional Reference Centre.

Appendix 1

Names and Abbreviations of Census Subdivisions and Communities

CMA/CA CODE: 522 CMA/CA NAME: Belleville				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
BEVL	Belleville	C		

CMA/CA CODE: 543 CMA/CA NAME: Brantford				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
BFTD	Brantford	C		
BRFD	Brantford	TP		
PARI	Paris	T		

CMA/CA CODE: 825 CMA/CA NAME: Calgary				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
CLGY	Calgary	C		

CMA/CA CODE: 408 CMA/CA NAME: Chicoutimi - Jonquière				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
CHTI	Chicoutimi	V		
JONQ	Jonquière	V		
LBIE	La Bale	V		

CMA/CA CODE: 835 CMA/CA NAME: Edmonton				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
EDMN	Edmonton	C		

CMA/CA CODE: 320 CMA/CA NAME: Fredericton				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
DE30	Devon 30	R		
FRTN	Fredericton	C		
STMY	Saint Mary's 24	R		

CMA/CA CODE: 550 CMA/CA NAME: Guelph				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
ERAM	Eramosa	TP		
GEPH	Guelph	TP		
GUPH	Guelph	C		

CMA/CA CODE: 205 CMA/CA NAME: Halifax				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
BEFO	Bedford	T		
DRTH	Dartmouth	C		
HLFX	Halifax	C		

CMA/CA CODE: 537 CMA/CA NAME: Hamilton				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
ANCA	Ancaster	T		
BRLN	Burlington	C		
DUDS	Dundas	T		
FAGH	Flamborough	T	C F G L W	CARLISLE FREELTON GREENSVILLE LYNDEN WATERDOWN
GBRK	Glanbrook	TP		
GRIM	Grimsby	T		
HMTN	Hamilton	C		
STCR	Stoney Creek	C		

CMA/CA CODE: 925 CMA/CA NAME: Kamloops				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
KLP	Kamloops	C		
KLP1	Kamloops 1	R		

CMA/CA CODE: 915 CMA/CA NAME: Kelowna				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
COKB	Central Okanagan, Subd. B	SRD		
DLK7	Duck Lake 7	R		
KLWA	Kelowna	C		
PHLD	Peachland	DM		
TSI9	Tsinstikeptum 9	R		
TSI10	Tsinstikeptum 10	R		

CMA/CA CODE: 521 CMA/CA NAME: Kingston				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
KGTN	Kingston	TP		
KIGN	Kingston	C		

CMA/CA CODE: 541 CMA/CA NAME: Kitchener				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
CBGE	Cambridge	C	G H P	GALT HESPELER PRESTON
KTNR	Kitchener	C		
NH DU	North Dumfries	TP	A	AYR
WOWH	Woolwich	TP	BL BR C E H F M S WM W	BLOOMINGDALE BRESLAU CONESTOGO ELMIRA HEIDELBERG FLORADALE MARYHILL ST. JACOBS WEST MONTROSE WINTERBOURNE
WTLO	Waterloo	C		

CMA/CA CODE: 810 CMA/CA NAME: Lethbridge				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
LETH	Lethbridge	C		

CMA/CA CODE: 555 CMA/CA NAME: London				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
BEMT	Belmont	VL		
DELA	Delaware	TP		
LNDN	London	C		
LOBO	Lobo	TP		
LODN	London	TP		
NDOR	North Dorchester	TP		
PTSY	Port Stanley	VL		
STTO	St. Thomas	C		
STWO	Southwold	TP	F I L SH SO P	FINGAL IONA LAWRENCE STATION SHEDDON SOUTHWOLD PORT STANLEY
WNIR	West Nissouri	TP		
WSTR	Westminster	T		
YMTN	Yarmouth	TP		

CMA/CA CODE: 932 CMA/CA NAME: Matsqui				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
MTQ1	Matsqui	DM		
MTQ2	Matsqui Main 2	R		

CMA/CA CODE: 305
CMA/CA NAME: Moncton

CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
COVE	Coverdale	PAR		
DIEP	Dieppe	T		
DORT	Dorchester	PAR		
DTTR	Dorchester	VL		
FTFY	Fort Folly 1	R		
HILB	Hillsborough	PAR		
HILL	Hillsborough	VL		
MCTN	Moncton	PAR		
MOTN	Moncton	C		
RVEW	Riverview	T		
SABY	Salisbury	VL		
SJOS	Saint-Joseph	VL		

CMA/CA CODE: 462
CMA/CA NAME: Montréal

CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
ANJU	Anjou	V		
BCFD	Beaconsfield	V		
BDFI	Bois-des-Filion	V		
BDOF	Bale-d'Urfé	V		
BELO	Beloell	V		
BHNS	Beauharnois	V		
BIBD	Bolsbriand	V		
BLVL	Blainville	V		
BOVL	Boucherville	V		
BRAD	Brossard	V		
CARI	Carignan	V		
CHAM	Chambly	V		
CHGE	Charlemagne	V		
CHGY	Châteauguay	V		
CNDC	Candiac	V		
CSTL	Côte-Saint-Luc	C		
DLDO	Dollard-des-Ormeaux	V		
DORN	Dorion	V		
DRVL	Dorval	C		
DXMT	Deux-Montagnes	V		
GARD	Le Gardeur	V		
GRPK	Greenfield Park	V		
HAMP	Hampstead	V		
ICAD	L'Île-Cadieux	V		
IDRV	L'Île-Dorval	V		
IPER	L'Île-Perrot	V		
KRKD	Kirkland	V		
LANI	Lachenale	V		
LAPR	La Prairie	V		

CMA/CA CODE: 462

CMA/CA NAME: Montréal

CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
LASL	LaSalle	V		
LAVL	Laval	V	AU CH DU FA IL LR LO LL PV FR VP DO RO VI	AUTEUIL CHOMEDEY DUVERNAY FABREVILLE ILES-LAVAL LAVAL-DES-RAPIDES LAVAL-OUEST LAVAL-SUR-LE-LAC PONT-VIAU ST-FRANCOIS ST-VINCENT-DE-PAUL STE-DOROTHEE STE-ROSE VIMONT
LCHN	Lachine	V		
LEMY	LeMoyne	V		
LERY	Léry	V		
LNGL	Longueuil	V		
LORE	Lorraine	V		
MASC	Mascouche	V		
MCVL	McMasterville	VL		
MIRL	Mirabel	V		
MNTE	Montréal-Est	V		
MNTL	Montréal	V		
MNTN	Montréal-Nord	V		
MNTO	Montréal-Ouest	V		
MPGR	Maple Grove	V		
MTRL	Mont-Royal	V		
OTPK	Otterburn Park	V		
OTRM	Outremont	V		
PICT	Pincourt	V		

CMA/CA CODE: 462
CMA/CA NAME: Montréal

CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
PIRF	Pierrefonds	V		
PNTC	Pointe-Claire	V		
REPY	Repentigny	V		
RICH	Richelieu	V		
ROSE	Rosemère	V		
ROXB	Roxboro	V		
SADB	Sainte-Anne-de-Bellevue	V		
SNVL	Senneville	VL		
STAM	Saint-Amable	SD		
STBA	Saint-Basile-le-Grand	V		
STBO	Saint-Bruno-de-Montarville	V		
STEU	Saint-Eustache	V		
STGE	Sainte-Genève	V		
STHI	Mont-Saint-Hilaire	V		
STHU	Saint-Hubert	V		
STJU	Sainte-Julie	V		
STLA	Saint-Laurent	V		
STLE	Saint-Léonard	V		
STLT	Saint-Lambert	V		
STMA	Saint-Mathieu-de-Beloeil	P		
STMT	Saint-Marthe-sur-le-Lac	V		
STPI	Saint Pierre	V		
STRA	Saint-Raphaël-de-l'Île-Blizard	P		
STTH	Sainte-Thérèse	V		
TEVA	Terrasse-Vaudreuil	SD		
VAUD	Vaudreuil	V		
VAUL	Vaudreuil-sur-le-Lac	VL		
VRDN	Verdun	V		
VRES	Varennes	V		
WSTM	Westmount	V		

CMA/CA CODE: 575 CMA/CA NAME: North Bay				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
EFRS	East Ferris	TP		
NBAY	North Bay	C		
NHSW	North Himsworth	TP		
NISG	Nipissing 10	R		

CMA/CA CODE: 532 CMA/CA NAME: Oshawa				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
NWTE	Newcastle	T	BO BU CL CO D EB EN HA HY K L NE NW O	BOWMANVILLE BURKTON STATION CLARKE GEOGRAPHIC TOWNSHIP COURTICE DARLINGTON GEOGRAPHIC TOWNSHIP EAST BEACH ENNISKILLEN HAMPTON HYDON KENDAL LESKARD NEWCASTLE VILLAGE NEWTONVILLE ORONO
OSWA	Oshawa	C		
WHBY	Whitby	T	B W	BROOKLIN WHITBY

CMA/CA CODE: 505
CMA/CA NAME: Ottawa - Hull

CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
AYLR	Aylmer	V		
BUCK	Buckingham	V		
CATY	Cantley	SD		
CLRE	Clarence	TP		
CUMD	Cumberland	TP		
GATU	Gatineau	V		
GLBR	Goulbourn	TP		
GLO	Gloucester	C		
HULL	Hull	V		
HULO	Chelsea	SD		
KATA	Kanata	C		
LAPE	La Pêche	SD		
MASN	Masson	V		
NEP	Nepean	C		
OSDE	Osgoode	TP	M OS	METCALFE OSGOODE
OTT	Ottawa	C		
PTIC	Pontiac	SD		
RDAU	Rideau	TP		
RKLD	Rockland	T		
RP	Rockcliffe Park	VL		
VAN	Vanier	C		
VMTS	Val-des-Monts	SD		
WCAR	West Carleton	TP		

CMA/CA CODE: 529				
CMA/CA NAME: Peterborough				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
PTGH	Peterborough	C		

CMA/CA CODE: 970				
CMA/CA NAME: Prince George				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
PRGE	Prince George	C		

CMA/CA CODE: 421				
CMA/CA NAME: Québec				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
ANLO	L'Ancienne-Lorette	V		
BERN	Bernières	SD		
BPRT	Beauport	V		
CAPR	Cap-Rouge	V		
CHBG	Charlesbourg	V		
CHNY	Charny	V		
LORV	Loretteville	V		
NDDA	Notre-Dame-des-Ânges	P		
QUEB	Québec	V		
SILY	Sillery	V		
STEN	Saint-Étienne-de-Lauzon	SD		
STFY	Sainte-Foy	V		
STHE	Sainte-Hélène-de-Breakeyville	P		
STJM	Saint-Jean-Chrysostome	V		
STLN	Saint-Lambert-de-Lauzon	P		
STNC	Saint-Nicolas	V		
STRE	Saint-Rédempteur	V		
STRO	Saint-Romuald	V		
VANR	Vanier	V		
VILH	Wendake	R		

CMA/CA CODE: 830 CMA/CA NAME: Red Deer				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
RDER	Red Deer	C		

CMA/CA CODE: 705 CMA/CA NAME: Regina				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
GRCO	Grand Coulee	VL		
LUDN	Lumsden	T		
RGNA	Regina	C		
SHRW	Sherwood No. 159	RM		

CMA/CA CODE: 475 CMA/CA NAME: Saint-Jérôme				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
STJE	Saint-Jérôme	V		

CMA/CA CODE: 310 CMA/CA NAME: Saint John				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
STJN	Saint John	C		

CMA/CA CODE: 562 CMA/CA NAME: Sarnia - Clearwater				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
MORE	Moore	TP	B C M	BRIGDEN COURTRIGHT MOORETOWN
PTED	Point Edward	VL		
SACL	Sarnia-Clearwater	C		
SRIA	Sarnia 45	R		

CMA/CA CODE: 725 CMA/CA NAME: Saskatoon				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
SASK	Saskatoon	C		

CMA/CA CODE: 590 CMA/CA NAME: Sault Ste. Marie				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
GARI	Garden River 14	R		
LARD	Lalrd	TP		
MMAA	Macdonald, Meredith and Aberdeen Additional	TP		
PRIN	Prince	TP		
RANK	Rankin Location 15D	R		
SSTM	Sault Ste. Marie	C		

CMA/CA CODE: 433 CMA/CA NAME: Sherbrooke				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
SHER	Sherbrooke	V		

CMA/CA CODE: 539**CMA/CA NAME: St. Catharines - Niagara**

CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
FTER	Fort Erie	T		
LNLN	Lincoln	T	B J JS V VS	BEAMSVILLE JORDAN JORDAN STATION VINELAND VINELAND STATION
NFAL	Niagara Falls	C		
NILK	Niagara-on-the-Lake	T		
PEHM	Pelham	T	FE FO	FENWICK FONTHILL
PTCO	Port Colborne	C		
STCA	St. Catharines	C		
TOLD	Thorold	C		
WAFT	Wainfleet	TP		
WELD	Welland	C		

CMA/CA CODE: 001**CMA/CA NAME: St. John's**

CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
STJO	St. John's	C		
WDPK	Wedgewood Park	T		

CMA/CA CODE: 553**CMA/CA NAME: Stratford**

CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
STOD	Stratford	C		

CMA/CA CODE: 580 CMA/CA NAME: Sudbury				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
SUDY	Sudbury	C		

CMA/CA CODE: 585 CMA/CA NAME: Thunder Bay				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
THBY	Thunder Bay	C		

CMA/CA CODE: 535 CMA/CA NAME: Toronto				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
AJAX	Ajax	T		
AURA	Aurora	T		
BMTN	Brampton	C		
EGWY	East Gwillimbury	T	H S	HOLLAND LANDING SHARON
ETBC	Etobicoke	C		
EYOR	East York	BOR		
GOGA	Georgina	T	F G J K P PB R S V	FRANKLIN BEACH GLENWOOD JACKSONS POINT KESWICK PEPPERLAW PORT BOLSTER RIVERVIEW BEACH SUTTON VIRGINIA
GOGI	Georgina Island 33	R		
HLHI	Halton Hills	T	A G	ACTON GEORGETOWN
KING	King	TP		

CMA/CA CODE: 535 CMA/CA NAME: Toronto				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
MITN	Milton	T		
MKAM	Markham	T	M T U V B W	MARKHAM THORNHILL UNIONVILLE VICTORIA SQUARE BUTTONVILLE WOODBINE INDUSTRIAL
MSSA	Mississauga	C	L M MV P S	LAKEVIEW MALTON MEADOWVALE VILLAGE PORT CREDIT STREETSVILLE
NWET	Newmarket	T		
NYOR	North York	C		
OAKV	Oakville	T		
PICK	Pickering	T		
RCHL	Richmond Hill	T		
SCBR	Scarborough	C		
TRTO	Toronto	C		
UXBE	Uxbridge	TP	S	SANDFORD
VGAN	Vaughan	C	E K M T W	EDGELEY KLEINBURG MAPLE THORNHILL WOODBIDGE
WSTO	Whitchurch-Stouffville	T		
YORK	York	C		

CMA/CA CODE: 442 CMA/CA NAME: Trois-Rivières				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
CMAD	Cap-de-la-Madeleine	V		
TRRI	Trois-Rivières	V		
TRRO	Trois-Rivières-Ouest	V		

CMA/CA CODE: 933 CMA/CA NAME: Vancouver				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
ANMO	Anmore	VL		
BCAR	Belcarra	VL		
BIN3	Burrard Inlet 3	R		
BNBY	Burnaby	DM		
BNI3	Barnston Island 3	R		
CAP5	Capilano 5	R		
COQ1	Coquitlam 1	R		
COQ2	Coquitlam 2	R		
CQTM	Coquitlam	DM		
DLTA	Delta	DM		
GVNR	Greater Vancouver, Subd. A	SRD		
KTZ1	Katzie 1	R		
KTZ2	Katzie 2	R		
LAGE	Langley	C		
LAGY	Langley	DM		
LGL5	Langley 5	R		
LNBY	Lions Bay	VL		
MCM6	McMillan Island 6	R		
MIS1	Mission 1	R		
MRGE	Maple Ridge	DM		

CMA/CA CODE: 933
CMA/CA NAME: Vancouver

CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
MSQ2	Musqueam 2	R		
MSQ4	Musqueam 4	R		
MTQ4	Matsqui 4	R		
NVDM	North Vancouver	DM		
NVRC	North Vancouver	C		
NWMR	New Westminster	C		
PMEW	Plitt Meadows	DM		
PTCM	Port Coquitlam	C		
PTMY	Port Moody	C		
RCMD	Richmond	C		
SEY2	Seymour Creek 2	R		
SMHO	Semiahmoo	R		
SRRY	Surrey	DM		
TSAW	Tsawwassen	R		
UYED	University Endowment Area	SRD		
VNCR	Vancouver	C		
WON1	Whonnock 1	R		
WTRK	White Rock	C		
WVNR	West Vancouver	DM		

CMA/CA CODE: 935
CMA/CA NAME: Victoria

CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
BBY1	Becher Bay 1	R		
CAPB	Capital, Subd. B	SRD		
CAPC	Capital, Subd. C	SRD		
CBY3	Cole Bay 3	R		
CESA	Central Saanich	DM		
COLW	Colwood	C		
EQLT	Esquimalt	R		
ESA2	East Saanich 2	R		
ESQT	Esquimalt	DM		
METN	Metchosin	DM		
NSAA	North Saanich	DM		
NWS1	New Songhees 1A	R		
OBAY	Oak Bay	DM		
SAAH	Saanich	DM		
SDNY	Sidney	T		
SOK1	Sooke 1	R		
SOK2	Sooke 2	R		
SSA1	South Saanich 1	R		
UBY4	Union Bay 4	R		
VICT	Victoria	C		
VWRY	View Royal	T		

CMA/CA CODE: 559
CMA/CA NAME: Windsor

CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
CONH	Colchester North	TP		
ESEX	Essex	T		
WNDR	Windsor	C		

CMA/CA CODE: 602 CMA/CA NAME: Winnipeg				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
ESTP	East St. Paul	RM		
RICT	Ritchot	RM	G I S	GRANDE POINTE ILES DES CHENES STE. AGATHE
ROSR	Rosser	RM		
SPRG	Springfield	RM		
STFX	St. Francois Xavier	RM		
TACE	Tache	RM		
WNPG	Winnipeg	C	C H	CFB WINNIPEG (NORTH) HEADINGLEY
WSTP	West St. Paul	RM		

CMA/CA CODE: 544 CMA/CA NAME: Woodstock				
CSD ABBREV.	CSD NAME	CSD TYPE	AFFILIATED COMMUNITY ABBREV.	AFFILIATED COMMUNITY NAMES
WSTK	Woodstock	C		

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